

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-011508**Date Inspected:** 04-Jan-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Liu Huajie**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#14

SAW welding of weld joint 1G-005 located on PCMK SEG073\* of 11DW welder is identified as 045270.ZPMC QC is identified as Mr.Xu tao . The welding variables recorded by QC appeared to Comply with the WPS-B-T-2221-B-L2C-S-2.

SMAW welding of weld joint 4G-223 located on PCMK SSD10A-PP92 of 10CW welder is identified as 202122. ZPMC QC is identified as Mr.Xu tao . The welding variables recorded by QC appeared to Comply with the WPS-B-P-2214-TC-U4b-FCM.

FCAW welding of weld joint 2G-003 located on PCMK CA90 of 11DE welder is identified as 050242.ZPMC QC is identified as Mr. Zhong guo hui. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2232-TC-U4b-F.

FCAW welding of weld joint 3G-007 located on PCMK CSD7-PP108 of 11EE welder is identified as 044774. ZPMC QC is identified as Mr. Zhong guo hui. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2233-TC-U4b-F.

FCAW welding of weld joint 3F-061 located on PCMK CSD2-PP107.5 of 11EE welder is identified as 050242. ZPMC QC is identified as Mr. Zhong guo hui. The welding variables recorded by QC appeared to Comply with

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## WELDING INSPECTION REPORT

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the WPS-B-T-2133.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

**Summary of Conversations:**

No relevant Conversation.

**Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Kumar,Chadra	Quality Assurance Inspector
<b>Reviewed By:</b>	Patterson,Rodney	QA Reviewer

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